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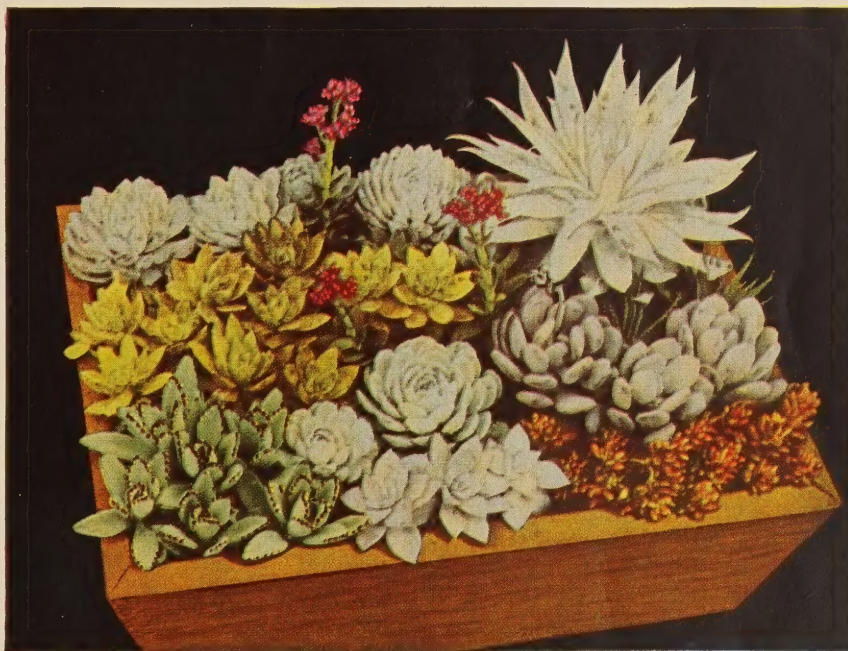
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U. S. Department of Agriculture

Succulent Parade

FOR THE INDOOR GARDENER
-Color and Interest the year 'round-

JOHNSON CACTUS GARDENS

PARAMOUNT (Los Angeles County) CALIFORNIA



REDWOOD SUCCULENT GARDEN

Just the Right Accent for the Outdoor-Indoor Garden of Modern Architecture. Splendid for the Patio and Lanai. Colorful, Decorative and Practical. Redwood Planter Boxes are Very Attractive. They should be closely planted to be effective. Watering and attention can be kept to a minimum and they will thrive. A Redwood Garden 10 inches wide and 16 inches long with 30 colorful Succulents and proper compost for planting only.....

1250

POSTPAID

Remember, Succulents Seldom Suffer from Neglect!

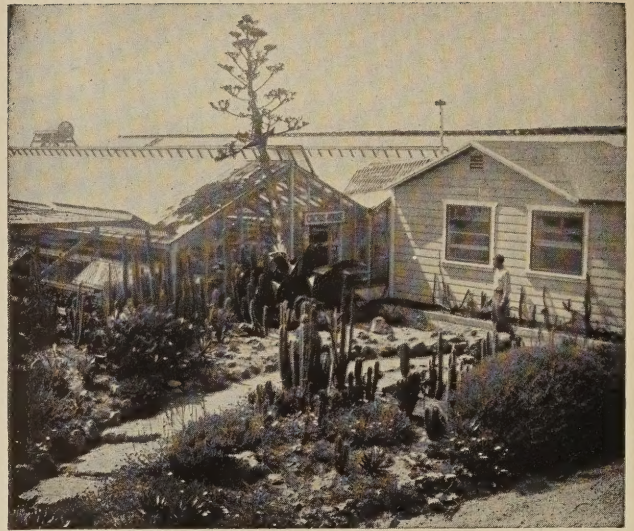
(See page 4
for details.)



HAL JOHNSON
Manager in charge of office
and retail sales.

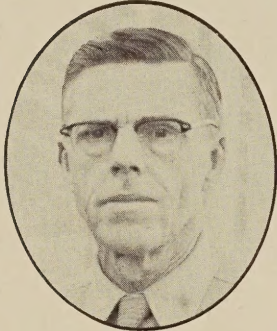


ETHAN JOHNSON
Assistant manager in charge
wholesale department and Water
Lily department.



VIEW IN NURSERY

To an enthusiast our growing grounds are of great interest. Here he may see many very rare or unique plants. It is economically impossible to catalog more than a portion of the collection which runs into the thousands. Our greenhouses, frames, lathhouses and flat yards are full of collectors' items. You are cordially invited to visit us and browse when you visit California. Paramount is near Long Beach. See Shell, Union or Standard Oil maps of Los Angeles and vicinity where our nurseries "Johnson Water Gardens" are shown. MEtcalf 3-7315.



HARRY JOHNSON
General Manager



HAZEL JOHNSON
Charge of clerical staff.

1876 - 1955

MANY new Cacti and Succulents have been received during the past year and others from past expeditions or accessions are now ready for distribution. Fellow enthusiasts from all over the world have been in touch with us and made exchanges. Interest in this fascinating hobby is increasing by leaps and bounds in every country.

WATER LILIES

Write for our catalog of aquatic plants. We have been growing them since 1876 and have the largest collection of Hardy Water Lilies in America.



LAWRENCE GONZALEZ
Superintendent in charge retail
shipping and propagating.

TERMS

I guarantee safe delivery anywhere in the United States or Canada.

50c **PACKING AND POSTAGE CHARGE** on orders less than \$2.50.

\$2.50 to \$5 orders add only 10% **FOR POSTAGE**. Thus a \$3 order adds 30c.

FREE delivery on orders of \$5 or more.

Postage to the 8th zone is now 32c per pound!

BONUS. Since our break-even point is almost \$3 and clerical work on all orders is the same we gladly give a 10% **PLANT BONUS** on plant and supply orders of \$3 or more. We will do the same on book orders when plants are ordered with them.

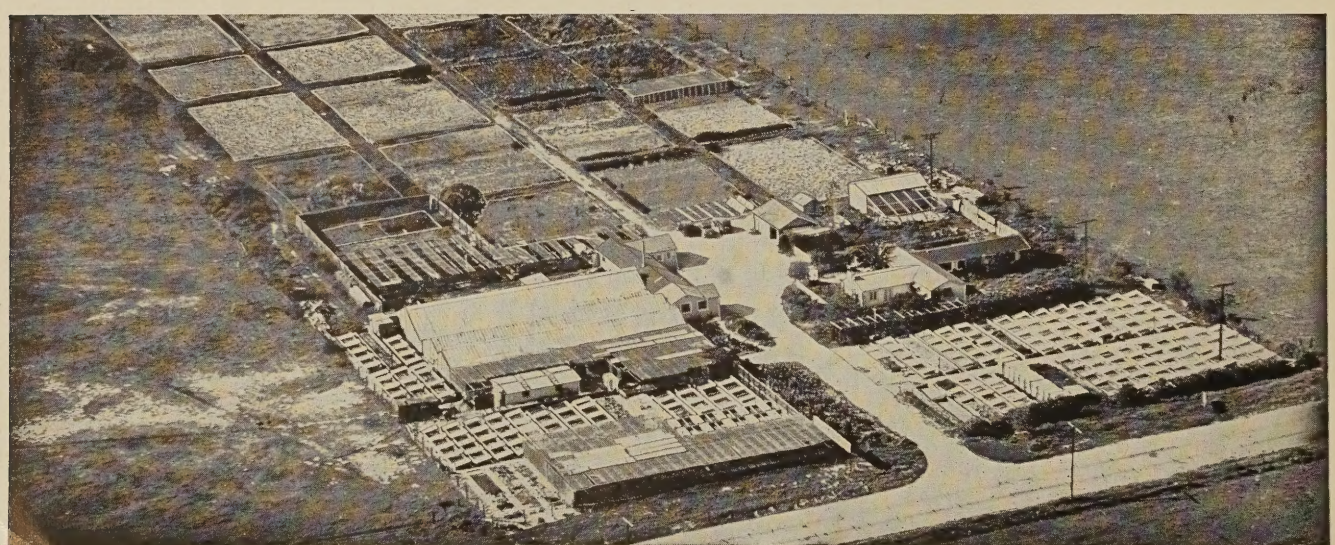
HOW WE SHIP

Shipment by Parcel Post which delivers direct to your door. Packed by experts in cartons heavily insulated in freezing weather. Passed by California Horticultural Inspectors.

GUARANTEE is for healthy well rooted plants safely delivered. We do not undertake to make good plants lost by improper care. Credit given for plants damaged in transit if notified within 10 days.

AIR VIEW OF NURSERY

Our nurseries cover 10 acres and have 25,000 square feet of glass. Millions of cacti and succulents are ready for our patrons. Acres of pools contain the many Water Lilies.



Exotic



Succulents

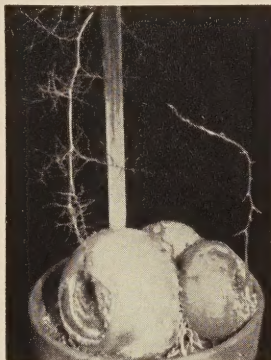
EACH year more and more people discover the enduring charm of these exotic and useful plants. Their lovely colors and charming shapes always attract attention and their ease of cultivation surprises the uninitiated. They will keep a dish garden attractive for months with little attention. For those who become interested in maintaining a collection there is an endless variety (several thousand) mostly native to Mexico and South Africa though others are found in Europe, Asia, Africa, Canary Islands, Madagascar and the Americas. All can be grown in home collections.



STAPELIA SCHINZII

A very free flowering variety of this handsome species. The long tailed blossoms are almost black, heavily fringed with purple hairs. Easily grown in a sunny window. Each.....

50c



CLIMBING ONION

Bowisia volubilis is one of nature's oddities. The large, succulent, exposed bulb sends out a twining flowering shoot several feet long. It bears no leaves! Each.....

\$1



PYRAMID CRASSULA

Crassula pyramidalis is a rare collector's plant the most specialized of the laminate leaved types. The flat wedge-shaped leaves tightly packed into tall columns. Fragrant white blossoms. Potted.....

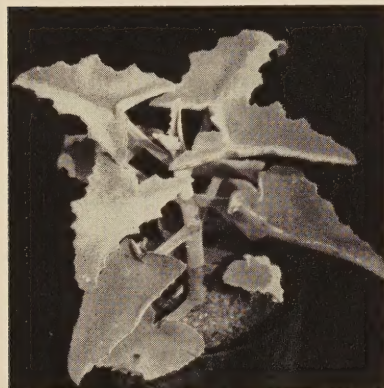
75c



RAINBOW BUSH

Rainbow hued in yellow, cream, pink and green each dainty leaf hugging the fat, mahogany red, jointed stems. Portulacaria afra var. tricolor is a charming plant that will stand out among the plainer greens. Light loam soil, generous treatment, don't keep too dry. Sun or shade. Potted.....

35c



VELVET LEAF

Kalanchoe beharensis is a splendid specimen, large or small. The velvety leaves become enormous, up to 16", when given a large pot and rich soil. The velvet entirely covers the plant glinting brown above, silvery below. Easily grown in sun or shade.....

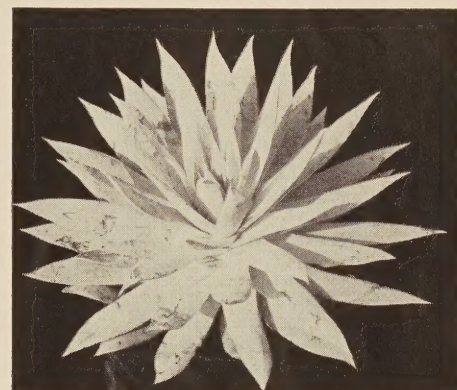
50c



AEONIUM CANARIENSE

A lovely creation like a huge green rose. Softly pubescent and when well grown up to 20" across. Likes a cool moist atmosphere. Tall, pyramidal flower spikes bearing hundreds of yellow blossoms. Quick growing of easiest culture. Sun or shade.....

40c



DUDLEYA BRITTENAE

A handsome specimen from the seaside cliffs of Lower California. The snowy rosettes may easily reach 15" across. Each leaf is thickly powdered with a silvery bloom that rubs off like talcum. They grow wild high on the basaltic mesa cliffs facing the sea. They like lots of peat moss and sand in the compost and moderate watering. Quick growing. Each.....

50c

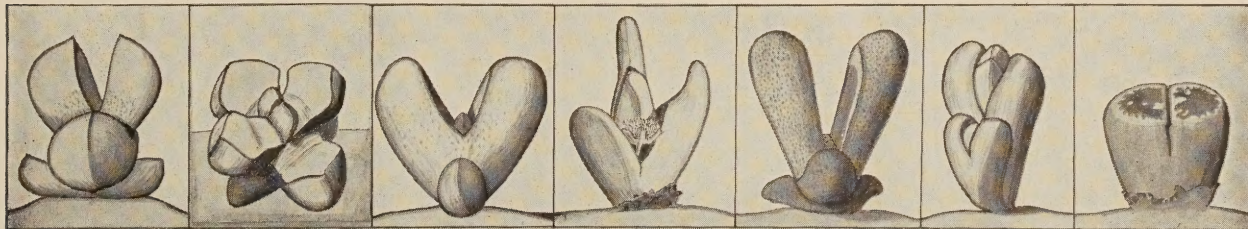
MIMICRY PLANTS COLLECTION C1



UNIQUE are these unusual mimicry plants which so closely resemble the rocks among which they grow. They may all be planted together in a 5" pot or dish in quite sandy soil or sand.

6 distinctive kinds as Stone Face, Split Rock, Jewel Plant, etc.

\$1.50



DINTERANTHUS PUBERULUS

Charming African Stone Plant. Leaves white tinted pink. Blossoms bright yellow in fall. Fine Large.....

30c

KARROO ROSE

The lovely Lapidaria Margaretae with carved white leaves flushed with rose. Golden blossoms borne in September. Fine plants.....

30c

FLOWERING STONES

Dinteranthus inexpectatus closely resembles the white pebbles among which it grows. Golden flowers. Fine.....

30c

GIBBAEUM

Curious mimicry plants with rosy lilac flowers and very unequal leaves. Form clusters of fat leaves. Each.....

35c

PLEIOSIPILOS HILMARI

Fat copper - red leaves like jasper pebbles. Large golden blossoms borne from August to September. Nice colored plants.....

30c

PEBBLE PLANT

The Rimarias are like smooth green chert pebbles. Cluster forming. Flowers white. pink.....

35c

STONE FACE

Lithops are the jewels among succulents. Lovely patterned windows on top in brown, gray, rust red, white or green. Just like colored pebbles. Nice plants, each.....

30c



MEXICAN FIRECRACKER

The charming *Echeveria setosa* likes cool weather and should be planted only in spring or fall. The leaves are covered with plush-like white hairs. Brilliant red in spring.....

40c



EUPHORBIA OBESA

A strange and rare cactus-like succulent from South Africa. Thrives in sandy loam with leafmold and gravel and plenty of sun. The plants are male or female and a pair is needed for seeds. Pairs \$2.50. Each 1" to 1 1/2".....

75c



STONE FACE

The Lithops are the prettiest and daintiest of the mimicry plants. They also are the most distinctive of the "window plants" for the pretty, bright patterns on the leaf tips serve as windows to diffuse the strong desert sunlight. Some are white others, red, green or brown. 4 kinds for \$1.....

30c



CHRIST THORN

Crown of Thorns or *Euphorbia splendens*. An old favorite with bright red flowers. Everyone succeeds with it. In blossom from February to November. Likes a rich porous soil and generous waterings. In summer a little Cactus Food will keep it blooming indefinitely. Sunny or semi-sunny position. Potted plants 15" 75c. 10"-12" 50c. 4"-6".....

35c

Ever Blooming Christ Th.n. *Euphorbia hislopil.* Potted.....50c



SCARLET PAINT BRUSH

Rochea falcata is a most beautiful and easily flowered succulent. Large trusses of scarlet blossoms in late summer lasting a month. Generous treatment and a sunny or semi-sunny location. Spring plantings should flower. Each.....

35c

Rochea perfoliata. 4-ranked leaves 75c
Rochea falc. 2-ranked leaves.....50c

HAIRY STARFISH FLOWER

Lovely bright desert stars. *Stapella hirsuta* is a fascinating succulent for the window garden flowering the first year. Give it a sunny but not too hot position. In summer water well. See Jubilee Handbook for many kinds. Potted.....

35c



PLOVER EGGS

A fascinating succulent with fat, round leaves marbled maroon. Everyone will enjoy it. *Adromischus festus* requires a sandy porous soil, sun and a well ventilated position. It is well worth extra attention. Do not overwater. Sun brings out the colors. Each.....

35c

CALICO HEARTS

Another bright succulent, *Adromischus maculatus*, has thick heart-shaped brightly mottled leaves. Same treatment as Plover Eggs. Very choice, easily grown. Each.....

35c

REDWOOD GARDENS Color Illustration on Cover



REDWOOD planter boxes are very practical as well as most attractive. Plants grow nicely in our Jungle Mix. They should be closely planted to be effective. Watering should be kept to a minimum so plants do not overgrow. While they may be placed for short periods in dark places to keep them attractive for long periods they need a sunny location. Do not place on furniture without a metal tray beneath them.

Redwood Planter Box 10" wide, 16" long, 5" deep, oil finished, knocked down ready to assemble, nail holes drilled. Weight 5 pounds. Price \$2.50. Postage extra. 8th zone \$1.05.

30 plants ample for correctly planting the above planter in approved colorful assortment. Weight 5 pounds. Plants \$6.00. Postage extra according to zone. 8th zone \$1.05.

Soil for planting, 5 pounds \$1. Postage extra.

NOTE: Please include postage for each article.



WART PLANT

Haworthia subfasciata is a favorite and quite deservedly popular. The warts on the leaves are much brighter than shown. It is easily grown in quite sandy soil with peat or leafmold which the thick yellow roots can easily penetrate. Shady but well lighted position watering whenever dry. Nice 1 1/2" to 2" flowering plants.....

35c



MEXICAN GEM

Echeveria elegans has rosettes of blue-white, spoon-shaped leaves. Flowers in spring. Plants form clusters and do best in full sun. Stands quite a bit of frost. Very sandy soil watering only when dry. Keep water off foliage.....

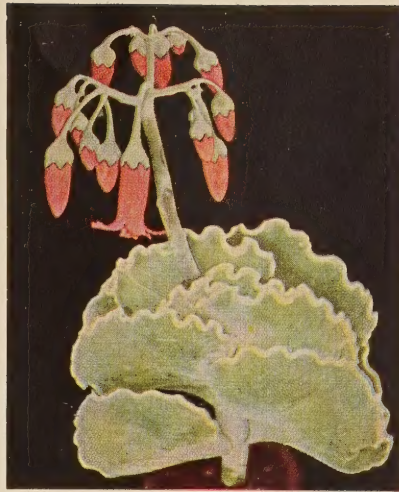
35c



PAINTED LADY

A very popular winter and spring blooming succulent. Echeveria derenbergii grows easily. White leaves margined with red. Easy to flower in a 2 or 3 inch pot. Sandy soil with peat or leafmold. Each.....

35c



SILVER CROWN

Cotyledon undulata is a very choice plant with beautifully crested leaves each powdered chalk white. It likes the full sun and adequate but not too much water. It will then keep its beautiful color and form. Easy to grow. Each.....

35c



CHENILLE PLANT

Echeveria pulvinata is a dainty beauty at all times. The leaves and stems are covered with a soft plush of fine hairs and are tipped and margined with rich red. It flowers in mid-winter the waxy bells large and rich crimson. One of the prettiest succulents. Sandy soil with leafmold watering when dry. Likes a cool, light, airy situation.....

30c



AFRICAN LIVING ROCK

Pleiospilos simulans copies the grey, speckled granite rocks among which it grows. The thick, grey, minutely dotted leaves bear, in early autumn, large orange yellow, slender petalled blossoms. Give a sunny, airy location very sandy soil, keeping on the dry side watering only when dry. Not at all difficult to grow. Nice.....

35c



SPLIT ROCK

Strange African mimicry plants closely resembling the stones among which they grow. Pleiospilos neli may grow to 2" in diameter with bright blossoms in spring. Sunny window, fresh air, sandy soil. Easily grown. Specimens 50c. Nice.....

35c



INCH WORM PLANT

The curious Kleinia pendula seems to be undecided as to whether it belongs to the animal or plant world! The stems loop up and down as they go forward just like an inch worm. Sandy soil, moderate watering, sun. Scarlet flowers.....

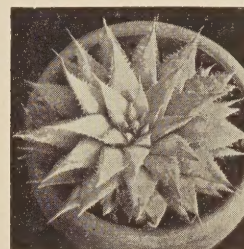
35c



ECHEVERIA CRAIGII

A new species with copper tinged white leaves. Rare.....

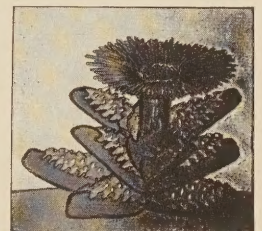
35c



HAWORTHIA MINIMA

A dwarf plant with fat, pointed, green windowed leaves. Cluster forming. Prefers some shade, moisture and quite sandy soil. Collectors item.....

35c



KNOBBY TIGER JAWS

An interesting fall flowering species. Faucaria tuberculosa has toothed and pebbled leaves and large yellow blossoms. Fine easily grown window garden succulent.....

30c

CURIOSITY COLLECTION C2.

The six plants below. You will enjoy planting this easily grown group in a pot or bowl for a cheerful breakfast nook. All six, \$1.90 value, only.....

\$1.35

PEANUT CACTUS

Easy to grow, fast forming many headed specimens. Flowers large, bright red. Each.....

35c

PINCUSHION

Grows quickly in sun or part shade. Flowers when small. Each.....

25c

BIRD'S NEST

Curling yellow spines. Long slim nipples. Flowers yellow. Each.....

35c

RED DRAGON FLOWER

Cluster forming. Flowers red and black.....

35c

CHRISTMAS CHEER

Grows anywhere. Colors best in dry, poor soil. Each.....

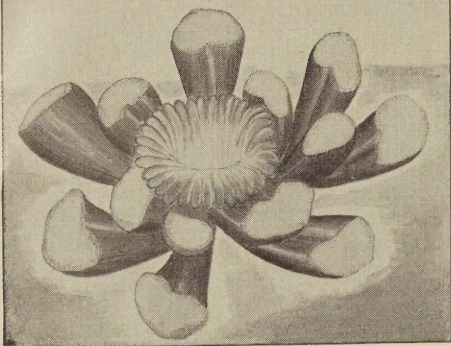
25c

FLOWERING PINCUSHION

Handsome carnine flowers in spring. Easy to grow and flower. The Mamillarias are very satisfactory for the beginner. Nice plants.....

35c





FRITHIA PULCHRA

An extremely rare "window plant" with brilliant wine purple blossoms. This attractive succulent has short, round, flat-topped leaves the tips formed by translucent pale green windows. In habit like Baby Toes but of simpler culture. Porous sandy soil, bright airy position, moderate watering.
Potted..... **\$1.50**



**Diamond Jubilee
CACTUS HANDBOOK**

PATRONS interested in a wider selection of Cacti and Succulents will enjoy our Handbook. 48 pages of photographs, 80 colored portraits, hundreds of rare plants described. A compendium of available plants with full cultural directions. An open door to a new world of rare and beautiful exotic plants for window gardens.
Postpaid..... **50c**

EUPHORBIA

The rare Euphorbias are slow growing plants slow to propagate and will always be scarce. They cover a wide range of strange growth forms. Not difficult to grow like a porous, open soil, Cactus Food when growing and a sunny airy position.

Euphorbia gorgonis. Gorgon's Head. Wide flat head with short arms. \$1. E. caput commelinii. Broad head, short arms. 75c. Large \$2.50. E. squarrosa. Carrot root, prickly short arms. \$1. E. atrispina. Much branched small spiny tree. \$1. E. clavarioides. Tight short armed clusters. \$1. E. royleana. Fat, spiny branches, large leaves. \$1. E. canariensis. Handsome. Large \$2.50 to \$5.



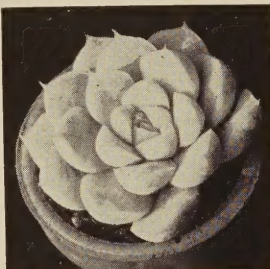
GOOSEBERRY KLEINIA

Kleinia gompophylla forms clumps the branches creeping, rooting at the nodes. Leaves fat, berry shaped with longitudinal translucent stripes, really assimilatory windows. Nice colored berries need a bright situation and moderate watering.
Sandy soil. Each..... **50c**



PACHYVERIA STARLIGHT

A pleasing new plant forming a rosette 2" across with thick spoon-shaped chalk-white, leaves. A nice plant for specimens.
Long lived..... **30c**



ECHEVERIA ALBA

A very distinctive new hybrid and one of the best introductions I have seen for a long time. Very white and compact. Nice..... **35c**



RATTLESNAKE CRASSULA

Crassula teres forms small clusters bearing "shaving brush" heads of very fragrant white flowers. Always a little attention. Well lighted or sunny window. Sandy soil..... **35c**



MONANTHES POLYPHYLLA

Small many leaved close rosettes forming nice clusters. Native to the Canary Islands. For a long time in the spring they bear odd yellow flowers on threadlike pedicels..... **35c**



FAIRY LANTERNS

Echeveria weingartii is a scarce old favorite with dark green, very short-leaved rosettes and tall spikes of orange-red bells.
Charming..... **35c**



PUSSY EARS

Cyanotis somaliensis is a creeper with very woolly hard green leaves and bright purple and orange blossoms. An African Tradescantia. Nice potted..... **35c**



LACE HAWORTHIA

Haworthia setata is a dainty specimen forming a close rosette 2" across the slender pointed leaves with soft white teeth and longitudinal translucent windows. Semi-succulent open sandy soil preferably with considerable peatmoss added. Each..... **35c**



COCONUT PALMS

Houghton's Bryophyllum makes an attractive plant for a miniature garden for it assumes the graceful pose of the wind-swept coconut palms of tropical beaches. A sunny situation and a sandy soil with moderate watering suits it best,
2 plants..... **35c**



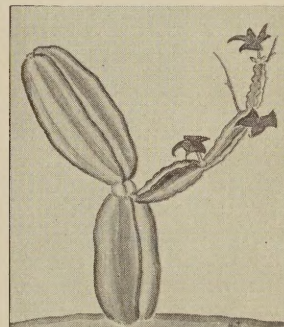
CORAL BEADS

Every bead is brightest red, every bead will grow! Sedum stahlia colors brightest in full sun and poor soil. Rich soil and water makes it grow too fast. 2 plants..... **35c**



JEWEL PLANT

A lovely mimicry plant often becoming highly colored in winter. Titanopsis calcareum likes a sunny window. Winter blooming. Flowering..... **35c**
Titanopsis schwantesii. White Jewel. Handsome..... **35c**



VELD GRAPE

Cissus quadrangularis is a curious vineing grape to 3 feet with fat succulent internodes and short-lived leaves and tendrils. Grows easily in good open soil watering when dry. Each..... **\$1**



NECKLACE VINE

Crassula perforata is an old favorite with connate leaves that look like buttons strung on a string. sun or shade. 2 plants..... **35c**

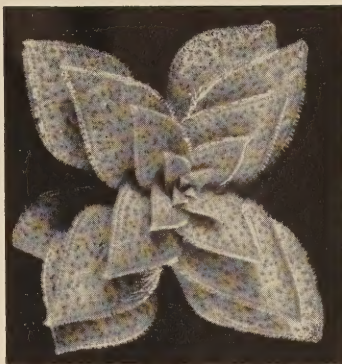
BEAD VINE

C. rupestris with shorter stems ending in clusters of nice pink flowers. 2 plants..... **35c**



ARAB'S TURBAN

A very odd plant with its opposite pairs of leaves tightly reflexed into a columnar mound. Grows easily in its slender fibrous roots enjoying a sandy or spongy soil with peatmoss or leafmold and moderate watering. Very bright but shady position. 35c



PINK ST. ANDREWS CROSS

These charming hybrids pleased everyone as the large raceme bears hundreds of pretty pink blossoms and everyone flowers. 2 parts peat, 1 part sand, 1 part loam makes a fine compost. Moderate waterings. Part shade. 35c



BABY TOES

An odd 'window' plant with daisy-like white blossoms in fall. The tip of each leaf of *Fenestraria rhopalophylla* is formed by a translucent window. Simple cultural instructions enclosed with each plant. Real curiosities and a source of unending interest. Full sun. Potted blooming size each 40c

Orange Baby Toes. *F. aurantiaca* has orange yellow blossoms and shorter leaves. Potted. 50c



BURRO TAIL

Sedum morganianum makes a handsome trailing plant the stems with age reaching 3' in length. To make a proper basket use 3 plants which will branch and fill in evenly. A rich porous soil and a bright airy situation. Generous watering. 3 for \$1. Each. 35c



CRASSULA DECEPTRIX

A very rare and handsome succulent white as though carved from alabaster. A collector's item of slow growth. This South African plant thrives in very sandy soil with leafmold or peat in a bright, airy situation. Nice specimens 1" each. 50c

Crassula congesta. Rare "shaving brush" type 50c

Crassula cornuta. Handsome white 50c

AFRICAN TREE GRAPE

The African species of *Cissus* have quite succulent bulbous trunks, large toothed deciduous leaves and trusses of red berries. Extremely rare, slow growing. *Cissus bainesii*. Small, potted \$3.50

JATROPHA

Jatropha podagrica is a very rare and handsome tropical Euphorbiad with large peltate leaves, scarlet flowers, succulent bulbous trunk. From Panama. Small plants, potted \$2.50

FOCKEA

One of the rarest of succulents. This species from Rhodesia is eventually an obese vine with large deciduous leaves. Collectors item. 3 years, small, potted \$3.50

SARCOSTEMMA VIMINALE

A rare and curious succulent asclepiad with milky sap. Pencil-like, jointed, leafless branches many feet long. May be trained about the window casing or on a trellis. Grows easily in a rich porous soil. Potted 75c



CRASSULA DREGEANA HYBRIDS

A series of very bright flowered pot plants. The hairy thick leaved rosettes bear a central umbel of pink or crimson blossoms. The umbel is 4" to 6" tall and remains in bloom several weeks. They like an open soil. 3 parts peat, 1 part loam, 1 part sand, 1 part leafmold, plenty of water. Part shade. Each. 35c

VARIOUS CEROPEGIAS

Ceropegia radicans. Striking flowers. Creeping. 35c. *C. sandersonii*. Twining vine. Large white parachute flowers. \$1. *C. debilis*. Tuberous. 35c. *C. cafferorum*. Tuberous. 35c. *C. dichotoma*. Shrub. 75c. *C. stapeliiformis*. Very odd spidery blossoms. Flower spikes twining. 50c. *C. haygarthii*. Handsome red spotted flowers. 75c. *C. hybrid C. radicans x C. sandersonii*. Very odd. 75c.

KALANCHOE

Fine flowering succulents bearing trusses of scarlet orange, pink or white blossoms that last a long time. Very attractive and easily grown.

Kalanchoe dyeri. 10" heads deep crimson blossoms. 50c. *K. Gold Dust*. Handsome yellow blossoms. 35c. *K. Brilliant Star*. Dwarf scarlet. 35c. *K. kewensis*. Large bright pink. 75c. *K. thyrsiflora*. Shrubby, yellow flowers. 35c. *K. aliciae*. Red. 35c.



ZEBRA HAWORTHIA

The charming *Haworthia fasciata* is much sought after because of the pearly white, raised lines banding the pointed, dark green leaves. All of the *Haworthias* like a sandy soil with peat or leafmold. some shade. Don't keep them too dry. Each. 35c

BRYOPHYLLUM

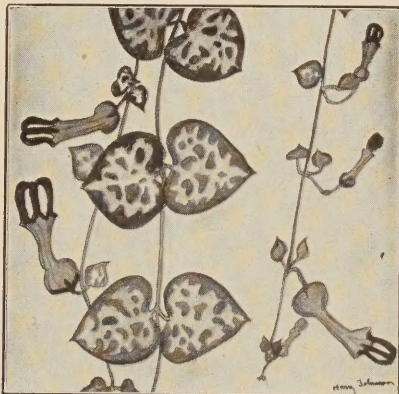
Air Plants as commonly called, bearing plantlets on the margins of the leaves. Easily grown and interesting.

Bryophyllum scandens. A small vine with thick purplish leaves, slender twining stems and odd bluish blossoms. 35c. *B. tubiflorum*. Xmas blooming. Large red bells. 2 for 35c. *B. proliferum*. Rare cut leaved species growing large. 35c.



MONANTHES MURALIS

An odd dwarf succulent forming tiny bushes. Bears a great many yellow blossoms with a wide disk on thread-like pedicels. Easily grown and flowers in spite of you! Each. 35c



HEART VINE or Rosary Vine

The leaves of *Ceropegia woodii* are prettily marbled with silver. The stems hang down in long trailing curtains. Thrives in sun or shade liking moisture. Two year old potted tubers. 35c
Ceropegia barkleyi. Pretty companion to *C. woodii*. Leaves silvered, narrower. 35c



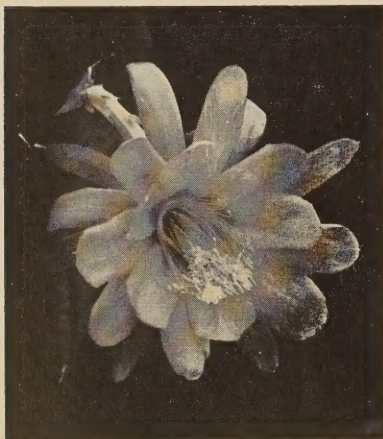
HERMOSISSIMUS . . . \$1.25

ORCHID CACTI

ALSO called Epiphyllums, they bear the showiest blossoms of all cacti. Their culture is similar to that of geraniums. They like a well lighted window and a cool rather than hot atmosphere. Quite easy to grow and flower. Pot in a porous, spongy compost of peat, sand and leafmold with some sandy loam. Water before the soil becomes dry. Flower in April, May and June on last years "leaves."

ORCHID CACTUS VARIETIES

There are hundreds of kinds of which we list those of proven merit in a good range of colors and types. SEE TOP OF THIS PAGE AND PAGE 13. For fuller listings refer to our Diamond Jubilee Cactus Handbook.



VALENCIA

Orange yellow darkening to red with violet tones in the throat. Outer petals deep orange red. A vigorous free blooming plant flowering in May and June. 8" blossoms. Each..... **75c**



CHRISTMAS CACTUS

Grandmother's favorite. Beautiful Fuchsia-like showers of dainty pink blossoms. *Zygocactus truncatus* blooms from Xmas on. Porous soil with leafmold or peatmoss keeping damp and cool in a bright window shaded from noonday sun. Large 7" - 8" 4 years old \$1.50. Smaller flowering 75c and \$1. **50c**
Nice year old. All potted.

VARIOUS CRABS CLAW CACTI

There are several pretty varieties of **ZYGOCACTUS** blooming at different times with different colored flowers. The culture is essentially the same; roughly that of African Violets.

Thanksgiving Cactus. *Zygocactus x salmon-eus.* Flowers in late November and December. Rich orange pink. Likes more heat. Stems copper green. Each potted **75c**

Zygocactus bicolor. The earliest, October, with brilliant salmon pink blossoms. Very free. Long toothed "leaves." Each potted, \$1 and **\$1.50**

Zygocactus delicatus. A rare, distinct subspecies with large white blossoms. Potted, small **\$2.50**

Bahai. New variety, many jointed. Salmon pink. Potted **\$1.50**

ORCHID CACTI

STERN VON ERLAU. Lustrous bronzy-orange, red on outer petals. Strong grower..... **75c**
Peacockii. Giant carmine-red blossoms with luminous violet throat. Splendid..... **\$1**
Moonrise. Lovely large, white, fragrant blossoms. Strong grower, free bloomer. Very satisfactory..... **75c**
Agatha. Pastel pink, cherry red throat, satiny sheen. Vigorous, freeblooming **75c**
Sun Goddess. 10" flowers, brilliant burnt orange with golden sheen. Lovely, graceful..... **85c**
Conway's Giant. Large, crimson blossoms overlaid with violet. Healthy, vigorous, free flowering..... **75c**
NORTHERN LIGHTS. Rose red with silver-lavender throat, dark red outer petals..... **\$1**
Oriole. Inner petals white, outer rich yellow and gold. Free flowering, vigorous..... **75c**
Sunburst. Large burnt orange flower, vivid violet throat. Compact grower for baskets..... **\$1**

(Continued on Page 13)

JUBILEE ASSORTMENT COLLECTION C3

8 named Orchid Cacti in a fine range of colors and types for 4" pots. A rainbow in your window..... **\$5**



PADRE

Lovely warm pink blossoms. Flowers over a long period. A reliable bloomer and a good one to start with. Plant vigorous and strong rooted. Besides the regular flowering period it may bloom at odd times through the year. Each..... **75c**

RAINBOW ASSORTMENT COLLECTION C4

Red. Bright red.
White. Large snow white.
Pink. Free blooming.

Three vigorous beautiful named plants! **\$2**



PROFESSOR EBERT

A very lovely free-blooming variety with flowers of bright violet carmine. A good sturdy plant with triangular, bright green stems and quite sure to flower. An attractive, upright plant bearing its flowers boldly. Each..... **90c**



HAIRY STARFISH FLOWER

Handsome desert stars 4" across. *Stapelia hirsuta* flowers the first year the blossoms dark reddish each petal fringed with white hairs with purple hairs on the disk. Easily grown. Potted plants 50c and.....

35c

HAWORTHIAS MIXED

A mixture of various types of Haworthias including *Haworthia setata*, *H. subfasciata*, *H. margaritifera*, *H. pilifera*, etc. All grow splendidly in our Jungle Mix. Seeds germinate quickly. Keep quite moist at all times. Very interesting small plants. Per packet.....

50c

PARAMOUNT HYBRIDS MIXED

This seed has been carefully collected from 100 of my better Easter Lily Cactus hybrids. They are the result of crosses between *Echinopsis* and *Lobivia* bringing together the lovely colors of *Lobivia* with the much larger, graceful flowers of *Echinopsis*. This has created a whole range of new colors not found in either *Lobivia* or *Echinopsis*. Shrimp pink, salmon pink, smoky rose, orange, red are all to be found. A good proportion of the plants should be well colored; all will have large lovely flowers. 35 seeds.....

50c

MIXED PINCUSHION SEED

Mammillarias are one of our specialties and this mixture contains a very pretty and representative group. They germinate readily and can be flowered in two years. You will enjoy them. Per packet.....

25c

MIXED LIVING ROCK SEED

There are many kinds of living Rocks and we have one of the finest collections in this country. All seeds offered are grown by us. *Pleiospilos*, *Lithops*, *Lapidaria* and many others are included in this selection. Some seeds are very tiny. Per Packet.....

50c

The NEW SAND CULTURE for CACTI

Hydroponics is the scientific name for growing plants in culture solutions. The new science is rapidly proving its worth and for the cactus enthusiast has especial points of interest. One may grow his plants in clean porous sand, thus greatly reducing the danger of overwatering. This is of particular interest to collectors who live in damp, foggy or rainy places. Many choice or difficult plants thrive under this treatment, for cactus roots when well fed enjoy spreading in the air filled sand.



VITAMIN B-1

JOHNSON'S OWN B₁ TABLETS
For use in Any Soil

Works miracles on Cacti and Succulents, often bringing refractory plants into bloom. Don't fail to use this wonder working solution. Better Homes and Gardens tests on cacti report wonderful success attained in flowering slow plants. Particularly valuable to stimulate new root growth after transplanting. 75 Double Strength Tablets with Full instructions. Postpaid.....

75c

JOHNSON'S SAND CULTURE KIT

COLLECTION H 23

Complete instructions on growing Cacti and Succulents in sand with nutrient solutions. Simplifies watering. Makes the most difficult desert plants of easy culture. Particularly useful where winters are long and damp.

Full instructions, 16-gallon package Plant Chem.
75 Johnson's B₁ Tablets. 50c package Cactus Food.....

\$1.25



DE LUXE MIXTURE

A superb mixture made up of over 75 species. There are no weedy cacti included. They are collected from our own plants many requiring hand pollination. Our cactus seed is not to be compared with other offered assortments for it is not made up of native weedy kinds. The very small seed contains some of the prettiest kinds as *Parodia*, *Rebutia*, *Noto-cactus*, etc. Put up in two packets of fine and coarse seeds. The collection.....

\$1.00

MIXED CHIN CACTI

The *Gymnocalycium*s are charming, bright flowered globular cacti from South America. Easily grown and many flower over the entire spring and summer. Almost all flower the second year. Per packet.....

50c

STONE FACES MIXED

The Stone Faces or Lithops are the prizes of any collection. These handsome and entirely novel plants prove of interest to everyone. The seed germinates very quickly and easily. You will have seedlings within two weeks. After they are germinated put them in an airy, light window. About 100 seeds.....

35c

NOTOCACTUS MIXED

Noto-cacti are all colorful spined plants with large blossoms. None are too large for the small window garden and all have stood 20° without cold damage. They are a diverse group, easily grown. Mixture contains Golden Ball, Silver Ball, Lemon Ball, Sun Cups, Indian Head over a dozen species. Package.....

50c

CHOICE SUCCULENTS

A mixture containing many interesting or rare species of *Mesembrianthemums*, *Crassulas*, *Cotyledons*, *Rocheas*, *Anacampseros*, *Aloes*, *Gasterias*, *Echeverias*, *Dyckias*, etc. Seeds of these plants vary greatly in size, shape and longevity. Some are quite large, some papery and others very tiny. The very fine seed contains many of the prettiest types such as the *Crassulas*, *Cotyledons* and *Echeverias*. To germinate these properly requires a spongy, peaty soil kept wet. We recommend our Jungle Mix as perfect. Per packet.....

50c

MINIATURE CACTI SEED

A choice mixture of the finest toy cacti, including rare *Parodias*, *Noto-cacti*, *Gymnocalycium*s, *Mammillarias*, *Echinopsis*, etc. Fifteen or more of the prettiest small growing types. Full instructions for planting. Per packet.....

50c

CACTI and SUCCULENT SEEDS

Cacti and many Succulents are readily grown from seeds. Some fast growing species make attractive small specimens within a year but most are slower in attaining size. Seeds germinate quickly depending upon temperature. Many will be up in two weeks at 60°. Keep seeds wet until well sprouted. Full planting instructions with each package. We recommend our Jungle Mix for seed sprouting. Purchases of 50c or more of seed will be sent without packing or postage charge.

CACTUS and SUCCULENT

SOCIETY OF AMERICA

SEND US YOUR SUBSCRIPTION



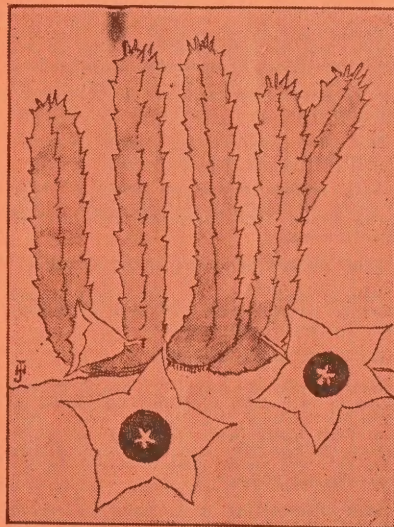
The Cactus and Succulent Society was organized more than 20 years ago to bring together those interested in these extraordinary plants and to publish a magazine which would provide a forum for the exchange of information and for the publishing of new species and scientific

data. The Journal, under the competent editorship of Scott Haselton, has well achieved these aims; and today is the world's foremost publication about these plants.

Everyone is invited to join the Society and to receive this splendidly illustrated magazine. It has many articles on new plants, stories on exploration trips to new localities, articles on culture, news of affiliated Cactus Clubs in every region of the U.S. Everyone interested in Cacti and Succulents will continue to find this a most interesting magazine.

Membership and Journal— \$3.00
Six double issues a year.....

Europe and Africa.....\$3.50



RED DRAGON FLOWER

The pretty *Huernia schneideriana* bears delicately beautiful flowers with velvet red petals and black center. Flowers all summer, moderate waterings, sun or semi-shade. Each.....

35c

ODDS and ENDS

COLLECTION C10

We offer here an unlabelled assortment of Cacti and Succulents at a very low rate. After each packing and shipping day there are many plants left over, rare as well as common varieties. We offer these at 10 plants.....

\$1.50

BARGAIN ASSORTMENT

COLLECTION C11

A real low priced assortment of colorful small succulents for those interested in a nice window arrangement or dish garden. They should be planted very closely together, really crowded, for a professional effect.

25 colorful unlabelled nice succulents for an 8" or 10" dish garden.....

\$2.00

Sent postage free, no packing charge.

SUPPLIES for CACTI

VERY few things are needed by the beginner in cactus culture but interest and a desire to form a collection. Loam for potting your plants may be found in field or woodland. Scrape off the litter and use the top 6" of soil. Sandy soils are best. Clean



sand may be purchased from builders or pet stores. For the city dweller and more serious collector we are offering a few things that may make their culture easier. The supplies we offer are those we ourselves use. All prices include postage.

JOHNSON'S JUNGLE MIX

A new type of cactus compost for epiphytic cacti which prefer a very open, porous type. Plants develop a vigorous, extensive root system seldom seen in other composts. Expressly for Xmas Cactus, Easter Cactus, Rhipsalis, Chiapas, Selenicereus and all epiphytes. It is also unexcelled for rooting all cacti and succulent cuttings. It may be easily modified into the finest potting soils you ever used for Philodendrons, Begonias, African Violets and all tropical house plants. It should be kept much more moist than old style composts as it dries rapidly. Full instructions for use or modification.

Per bag 120 cubic inches (with orders) 75c
6 quart box\$2.00
West of Mississippi River \$1.75

JOHNSON'S CACTUS FOOD

A very effective fertilizer with a good organic base the ingredients of which are blended and proportioned to help your plants make normal, matured flowering growth. It should be scattered over the soil, a level teaspoonful to a 4-inch pot, two or three times during the growing season after the plants are well established. Use only during the growing season. Light applications once a month are more effective than heavy applications.

12 ounce bag..... 50c
2 pound bag.....\$1.00

OUR SPECIAL CACTUS LEAFMOLD

A reclaimed, sclerophyllous desert leafmold, sifted, light and dry. Mixed with equal parts of both sand and loam, it makes a fine, economical cactus soil.

115 cu. inches enough to make 6-10 qts. potting soil..... 75c

CACTUS HELPS

COLLECTION \$100

Items to make the growing of your plants easier and more enjoyable. Included here are all the things to root and grow your plants except loam and sand. Sand may be purchased from poultry houses or builders. Loam from garden or hillside.

Book, "Cacti and Succulents and How to Grow Them."

75c package Johnson's Jungle Mix.

Johnson's Cactus Food.

Johnson's Cactus Soil Conditioner.

Quart of Cactus Hardwood Charcoal.

20 double strength B₁ tablets.

50 Painted Wooden Plant Labels.

7 Items to Make Cactus Growing Easy. Postpaid.....\$3.00

PLASTIC LABELS

Permanent labels for plants poses a very difficult problem for the collector. Wooden labels while quite satisfactory do not of course last indefinitely. These plastic labels last for many years and outside of copper or zinc labels, which are difficult to affix to the plant, are the best solution I have found to date. Lead pencil writing lasts very well indoors or in the greenhouse. Outdoors it eventually weathers off. Grease pencils are useless. Water proof India drawing ink has proven the best medium for permanent labeling.

3 1/2"x1 1/2" Plastic pot labels. Per 100.....\$1.25
4 1/2"x7/8". Large, shaped labels for outdoors or pots. Per 100.....\$1.75

JOHNSON'S CACTUS SOIL CONDITIONER

Of great assistance in keeping cacti in good health, it is designed to add the minerals ordinary garden soils often lack. Desert soils are often high in mineral content, for there is little rain to leach them away. A spoonful of my Conditioner placed about a Cactus plant and stirred lightly into the soil will often bring an ailing one back to health. Mix it with your potting soils.

Small Size, 10 Ounces, Postpaid..... 60c
Large Size, 32 Ounces, Postpaid.....\$1.00

JOHNSON'S CACTUS COMPOST

Mix With Your Own Sand and Soil

An economical compost for Cacti and Succulents which when mixed with equal or larger quantities of both sand and light loam makes a very suitable soil for all desert plants. Composed of our reclaimed sclerophyllous leafmold, lime, gypsum in the proper proportions for all potted cacti. A light and bulky mixture, the same as we use in our own potting soils for both seedling and specimen plants.

384 cu. inches\$1.95
(May be ordered separately postpaid)

115 cu. inches enough for 6-10 quarts of potting soil 75c

ROOTWELL

Want to raise Cactus cuttings? Our new hormone powder for rooting refractory cuttings of all kinds designed particularly for quickly rooting Cacti and Succulents. Sterilizes the cut surface and induces luxuriant growth of roots. Apply dry with finger to fresh cut.

Full Directions. Per Package.....50c

HARDWOOD CACTUS CHARCOAL

Useful in keeping cactus soils sweet and aerated. Helpful in heavy soil.

Per Quart50c

PLANT CHEM SALTS

Cacti grown in pure sand and watered regularly with this nutrient solution make healthy vigorous growth. An occasional watering of all your house plants will supply the rare minerals sometimes lacking.

16-gallon pkg., with full instructions.. 30c

100-gallon pkg., with full instructions..\$1.10

400-gallon pkg., with full instructions..\$2.20

CACTUS INSECTICIDES

Our special instruction sheet describing common cactus pests and treatment, with spray formulas. We recommend Red Arrow Spray as effective and non-injurious to cacti or other house or garden plants.

Instruction Sheet and Bottle of Red Arrow Spray. Postpaid40c

VOLCK SPRAY. An oil spray recommended for any kind of scale insect and for mealy bug. These two insects are hard to kill as they have a waxy covering which repels water. We have used it for years, but only recently has it been put up in small bottles. 4-ounce bottle pre-paid (with orders only) with chart describing cactus pests. Full instructions for use.....50c

KENYA DRAGON FLOWER

A pretty Dragon Flower with dark crimson-red, bell shaped flowers. *Huernia keniensis* is an easy and vigorous grower and blossoms from spring to cold weather. 35c

TERMS

I GUARANTEE SAFE DELIVERY

Anywhere in the U. S. or Canada

During the cold months of December and January we do not like to ship east of the Rocky Mountains. Packages get rough handling during the Christmas mail rush also. We do ship to the Pacific Coast and South Western States all year.

50c packing and postage charge on orders of less than \$2.50 due to increased costs.

10% postage charge on orders of from \$2.50 to \$5. Thus add 25c to \$2.50 or 30c to \$3 orders. This is generally only part of actual postage.

FREE delivery on orders of \$5 or more.

How to remit: By check, postal note, money order or postage stamps of large denomination. 50c and \$1 stamps accepted.

No C.O.D. orders accepted.

How we ship: By Parcel Post which delivers direct to your door. All plants are passed by State Horticultural Inspectors to insure freedom from insect pests. They are packed by experts in specially made cartons insulated from cold and clearly marked "Rush—Perishable—Tender Plants."

OUR GUARANTEE is for safe delivery of clean, healthy stock correctly labelled. We cannot undertake to make good plants lost through improper care. If plants are injured in transit and we are notified at once we will give credit for all damaged items.

FOREIGN SHIPMENTS

We ship regularly to practically every country not in the communist zone. We are familiar with most rules and regulations and with customs requirements and you will have no trouble with our shipments.

Cacti travel well via parcel post. Succulents should go by air freight only.

Postage charges are 30c per pound due to new increases. To figure weight of plants: 6 plants per pound including packing materials. Minimum foreign orders (not including Canada) are \$5.

JOHNSON'S VITAMIN B1

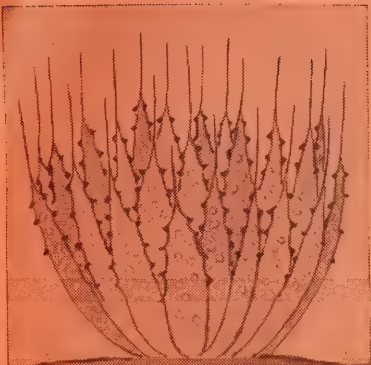
For all house plants.

Works miracles on cacti, often bringing refractory plants into bloom. Don't fail to use this wonder working solution. Our customers report success, particularly when used on old plants. Also to stimulate new root growth after transplanting.

20 double strength tablets.....35c

75 double strength tablets with full instructions for Cacti. Per bottle.....75c

IT WILL GREATLY ASSIST US IN PROMPTLY FILLING YOUR ORDER



PARAMOUNT, CALIFORNIA

1955

One of the very choicest small Aloes. Bears a great many closely set leaves with white pearly teeth and dots, each leaf terminated by a white awn. Remains small. Flowers red. A rare and elegant plant. Sandy soil. Each 50c and..... **35c**

**On orders of \$3 or more
choose 10% in free plants**

CITY.....STATE.....

★ Orders of \$5 or more sent postage free.

.....

This 1955 catalog may be used with our 1953 and 1954 catalogs which are still valid and list other items not herein cataloged.

If you are interested in the more rare and uncommon Cacti and Succulents, our Diamond Jubilee Cactus Handbook has a much more extended listing. In it are many new species, also those of slower growth which are seldom seen. There are also more detailed articles on culture, watering, etc. A handbook of Cactus lore. Price.....50c

Please send stamped, self-addressed envelopes for replies. We will answer as soon as possible. It is increasingly difficult to answer correspondence regarding culture, etc., promptly without greatly increasing our prices. We beg your indulgence for delays. Leave room in your letter for answers.

"Cacti and Succulents and How to Grow Them"

68 pages and many photographs of cactus and succulents. Plain information on the care of your plants. Much recommended -----50c

110 colored pictures, 150 cactus photos. Full information. Cloth binding.

Postpaid.....\$3.65

800 succulents described.
167 pages crammed with in-
formation. 400 illustrations.
85 in color. Cloth.

Postpaid.....\$3.65

[illegible]

CHOOSE 10% IN FREE PLANTS ON ALL ORDERS OF \$3.00 OR MORE



GLORIA — 2/5 Natural Size

A magnificent Orchid Cactus with gorgeous flame colored flowers 9 inches across. Its season of bloom is one of the longest, flowers sometimes appearing as late as August. Very easy to succeed with. An outstanding variety and much recommended. Each.....

75c



RATTAIL CACTUS

Aporocactus flagelliformis is an old favorite. The slender tail-like stems hang gracefully downward and in the spring are smothered in showers of lovely crimson pink blossoms. It is easily grafted on tall Selenicereus or Opuntias to form standards. Pot it in a very porous, spongy compost and place in a sunny window keeping well watered. In summer it delights to be outdoors in the sun. Well rooted plants \$1.00 and.....

75c

ORCHID CACTI (Continued)

Hermosus. Large red with brilliant violet throat. Very vigorous and free flowering. Splendid.....75c
 Chiapasia Nayada. New hybrid of Epiphyllum x Chiapasia. Lovely striped, lavender pink blossoms. Blooms from October to June. Each.....\$1.25
 Gay Senorita. Empress hybrid. Basket type, pale rose with scarlet throat.....\$1.50
 Eden. Large fragrant white, rich yellow outer petals. Excellent bloomer.....85c
 Amber Queen. Huge brilliant orange red. Inner petals shading to yellow. Vigorous.....75c
 Scarlet Giant. Large orange scarlet throat violet red. An old favorite.....75c
 Viviana. Red purple basket variety. Very lovely. Wide opening.....75c
 Oberst Kunrich. Inner petals deep violet, outer shading to copper.....75c
 Richard Diener. Soft apricot with cerise eye. Very large open flower.....75c
 Joseph de Laet. Gorgeous orchid pink and scarlet.....\$1.25



RATTAIL CACTUS . . . 75c and \$1

SHADE CACTI

The following grow best protected from full sun. They like a very spongy open soil and to be kept moist.

RICE CACTUS

Rhipsalis cereuscula. Gracefully arching with many short fat stems. White flowers followed by glistening white berries.....35c

LINK CACTUS

Rhipsalis paradoxa. Stems to 6' long, pendent. Very curious. Nice.....50c

EASTER CACTUS

Schlumbergera gaertneri. Brilliant scarlet 1½" blossoms. Grows like Xmas Cactus. Very beautiful...\$1

WEBEROCEREUS BILLEYI

Slender spineless climbing stems. Train around window casing or on trellis. Pink blossoms.....35c

At Right:

ANDRAE



A very choice new hybrid, very floriferous and easily flowered. Lovely pale crimson red flowers up to 3" across lasting in perfection a month. A sterling novelty flowering in April and May. Blossoms when small and under various cultural conditions. Each.....

\$1

PETER PAN

This charming little hybrid has slender brilliant carmine red blossoms. Slender "leaves".....75c



EARLY FLOWERING XMAS CACTUS

Zygocactus bicolor flowers in October and is very floriferous. Blossoms large brilliant salmon pink. Every plant produced flowers on the tips of each stem. The stems or "leaves" are shorter and broader than Xmas Cactus with long teeth. Plant vigorous. Thrives in our Jungle Mix to which 1 part sandy loam, 1 part sand is added. Potted \$1. Larger.....

\$1.50

APOROCACTUS

There are 5 species of Rattail Cacti all beautiful and easy to grow. They are often grafted on Selenicereus, Opuntia ficus indica or Snake Cactus to form tall standards. Stems pendent for basket plants. Very spongy soil freely watering when established. Flower best in full sun.

Aporocactus flagelliformis. Handsome full petaled blossoms 3½" long, crimson pink the inner petals shaded with orange. Growth similar to Rattail. Lovely, free flowering. Ours is a select strain. Each.....

\$1.50

Aporocactus conzattii. Stouter stiffer stems, areoles farther spaced. Flowers deep red with long tube and expanded limb. Lovely and distinct. Easily grown, free flowering. Each \$1.50

Aporocactus marianus. Giant Rattail. Stems up to ¾" diameter, 4' long. A splendid specimen plant. Flowers large 4" long with expanded corolla 2½" wide, scarlet red petals with violet margins. Beautiful free flowering. Each.....

\$1.50

APOROPHYLLUM

Johnson Hybrids

A series of hybrids between Orchid Cacti and Aporocacti. The plants and flowers are distinct from either parent. Flowers with large expanded perianth, stems pendent round many ribbed with raised areoles short spines. A grand new race of flowering cacti with many surprises yet to come. Grow well on their own roots or as grafted standards. Do well in full sun or part shade.

Halite. A hybrid between E. Bambi on Aporocactus flagelliformis.....\$1.50

Lawrence. This vigorous hybrid is between E. Valencia and Aporocactus flagelliformis.....\$1.50

APOROCEREUS

Beautiful flowering plants of vigorous growth. The plants are intermediate between the two parents with round, ridged stems, areoles raised, fewer than Aporocactus, spines short, stems upright at first then pendent to 2' or 3'. Like a spongy soil and full sun or partial shade. Ample waterings in summer.

Hazel Hybrids. Handsome plants with brilliant red and violet blossoms 4" across. Heliocereus speciosus X Aporocactus flagelliformis.....

\$2.00

JOHNSON'S JUNGLE MIX

A new kind of cactus and succulent compost. It may — and should — be kept much more moist than old types without danger of drowning the roots. Epiphytic cacti develop large root systems. It should be extended by adding sand and sandy loam soil. 120 cubic inches postpaid.....

75c



Cactus

TO our patrons we are again able to offer new species and new genera. Plants collected during our own expeditions or those from other collectors as well as new bi-generic hybrids. During the past year or so there has been active collection going on in Argentina and some very interesting cacti have been recollected with fresh seed of old kinds we offered almost 20 years ago. Some very nice new things have also been found. Some of the new Opuntia's are striking as Tephrocactus paediophila with almost black twisted ribbands 6" long. One of the new Echinopsis has 7" blossoms brilliant carmine red. Glorious!



NEW CACTI

MONVILLEA VARGASIANA. A new species from central northern Peru near the Marañon River. To 5' forming clumps. In appearance like Nyctocereus with large white nocturnal flowers. Each.....75c

MONVILLEA PUCURAENSIS. A new Peruvian species with sharp acicular spines also forming broad thickets. Flowers large white nocturnal with smooth small greenish red fruits75c

BORZICACTELLA VIPERINA. A very interesting new cactus with long slender stems bearing toward their tips bright crimson blossoms with short S-shaped tube, narrow scales with copious black hairs and expanded corolla. The rootstalk is quite woody.....\$1.50

BORZICACTELLA PROSTRATA. Creeps flat on the ground the spiny stems 3/4" diameter. Flowers bright scarlet with S-shaped short tube and expanded corolla upper segments galeate. Each.....\$1.50

SAMAIPATAICEREUS PERUVIANUS. A new species of an odd genus from the eastern slopes of Peruvian and Bolivian Andes. The slender stems are generally 4-angled with short spines, flowers nocturnal, white, short-tubed and petalled, fruit green with orange pulp. They grow up through the underbrush 5' to 15' branching from below. Pretty.....75c



LOBIVIA PAUCARTAMBENSIS

A very bright crimson flowered new species. Flowers large short tubed and produced from spring to November. Plant small up to 1 1/2" diameter freely producing offsets which root while still attached to the mother. It flowered longer with me than any other species even in quite cold weather. Moderate watering. Flowering size.....50c

Trichocereus infundibuliformis. A striking new species from South Central Peru. Up to 20' tall often with a dozen stems but branching only from a very short thick woody trunk. Average height closer to 10'. Flowers white funnel-shaped borne on the upper third of the stems followed by brown haired fruits. A sturdy quick grower. Nice plants75c

Haageocereus arenosa. This fine new species' type habitat is in the coastal sandwashes of central Peru. There it forms colonies several feet across the stems upright to 2' but creeping forward and rooting in the sand. Yellow spined. Large white long-tubed flowers. Very pretty. Nice plants50c

Haageocereus pyrrhostele. The brightest and most richly colored of this colorful genus. From above Nazca, Peru. Stems to 3' clustered 2 1/2" diameter with about 15 low ribs, areoles felted with a great many short slender red and yellow radial spines. Flowers white. A porous soil of loam, sand and peat watering only when dry. Keep in a sunny situation. Only a few....\$2

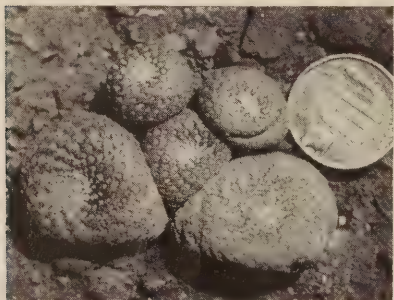
OLD LADY CACTUS

Mamillaria hahniana is an old favorite a worthy consort for the Old Man Cactus. It bears long white hair which increases in thickness with age. It is always a show plant and always attracts attention. Carmine red flowers in December, January and February. It flowers outdoors with us at freezing temperatures. Easy to grow liking a light airy position. 2 1/2" \$1. Larger \$2. Smaller.....50c



PYGMAEOCEREUS AKERSII

This lovely new genus of Peruvian cerei is native to the cloud gardens of the coastal mountains. The tiny heads have a tuberous root. In cultivation it increases in size and the roots are much less fleshy. The fat, ribbed stems are up to 3" long 3/4" diameter forming small colonies. Flowers white, night blooming having a long tube. Very easily grown in porous soil liking a bright but not necessarily hot position. Moderate watering. Each.....\$1.50



BLOSSFELDIA LILIPUTANA

The tiniest of all cacti and never offered before being one of the very rarest. Plants 1/4" to 1/2" in diameter with fleshy roots. Native of Argentina. Very porous soil with moderate waterings, sunny situation. Mature imports.....\$3.50



DIADEM CACTUS

Don't fail to have this lovely flowering cactus. The bright red flowers are a beautiful crown nestling amongst the white wool and dark spines. Mamillaria werdermanniana flowers in midwinter and always attracts attention among our visitors. Flowering size 50c. Nice.....35c



TRICHOCEREUS INFUNDIBULIFORMIS

A very distinct new species I found growing in the warmer regions of south central Peru at about 6,000'. It is a rapid grower and floriferous. With it grew Azareocereus and Cleistocactus luminosus. 75c Give liberal treatment



SETICEREUS ICOSAGONUS

Lovely plants with bright yellow or reddish spines. Flowering heads produce long bristles in appearance quite different than the short spined juvenile forms. Flowers deep orange with long curved, flattened tubes. The photo is of a species I found in northern Peru.....\$1

AT LEFT

CRIMSON PARODIA

Scintillating carmine or crimson blossoms in spring. They flower easily in sun or semishade even when small. All plants offered have flowered. 5 years old. \$1 and.....50c

News

Some of the newer Mexican plants will soon be available including the strange Epiphyllum-like cacti from Chiapas. One of these looks more like a fern or cycad than a cactus!

This year we are offering plants of the two genera of smallest cacti, Blossfeldia and Pygmaocereus. Neither have ever been available before. We are also particularly proud of the new hybrids of Aporocactus and of Schlumbergera offered on page 13 and the new combinations we will have ready for the near future.

THE CULTURE OF CACTI



THE care of Cacti is quite simple. Remember they are dry climate plants and are not used to daily waterings and attention. For healthy flowering growth give them a light airy window and water them only when the soil is dry about once a week and then don't soak them. They need a porous sandy soil rather than a sticky loam soil so the roots won't drown. Neglect doesn't hurt them as much as too much watering. Don't be impatient for they naturally grow slowly.

CLEISTOCACTUS HUANTENSIS. This new species I found near Huanta, Peru. Stems slender 1" - 1½" diameter to 6' tall forming clumps often beneath the scanty shade of mesquite trees. The flowers are red-brown, tubular.75c

Azoreocereus imperator. Every collection should have this glorious new species from the interior of southern Peru. Tall unbranched columns of brightest blue, low rounded ribs with chestnut spines. With age it produces 50 to 40 2" glassy white bristles at the flowering areoles crowning the plant. Truly one of the loveliest of all cacti. 2" - 3½"\$1

Esposita chilensis. A splendid new Esposita very woolly, the wool tinged with pink. Branches divaricately from the base the branches rather more slender than E. lanata. Grows easily. Pseudocephalum dense, russet brown, used for cushions. Nice.75c

WEINCARTIA CUMINGII

A very fine and bright flowered plant from Bolivia. Plants globular with 18 or more tubercled, low ribs the areoles with up to 20 spreading yellow spines. Flowers bright golden orange produced abundantly on the upper part. Very attractive and easy to grow and flower. Stands considerable cold.75c

OREOCEREUS

Oreocereus hendricksenianus. A beautiful species growing faster than O. celsianus. Long white woolly hair. Very rare\$1
O. fossilatus. Quite different as the plants branch above. Tall and slender\$1



PURPLE HEDGE HOG CEREUS

Echinocereus sarisporus has fat stems long white spines and 3" brilliant purple blossoms. Striking when in bloom. Stands considerable cold.50c

The Chef's Suggestions

If you are not too familiar with cacti or succulents the assortments listed below may be useful introductions to their variety.



COLLECTION C5

16 Fine plants to start your window garden. Golden Ball, Tiger Jaws, Split Rock, Mammillarias, Cereus, etc. All worthwhile, beautiful and easily grown plants, many of flowering size. 2 to 3 years old.\$3
Postpaid.

COLLECTION C6

28 Choice plants correctly labelled for the discriminating collector. Beautiful odd Succulents and Cacti.\$5

COLLECTION C7

60 Choice plants all labelled. A fine representative group at a real bargain price less than 18c each!\$10

FANCIER'S 100 ASSORTMENT

100 Choice and Rare Cacti and Succulents labelled and separately wrapped. Nice size 2 - 3 year old Cacti many of blooming size. Rare and colorful Succulents. Bargain Price.\$25



WERCKLEOCEREUS GLABER

A handsome flowered small climbing cereus with triangular slender stems; from Guatemala. Flowers freely during April and May liking a warm light window. As it is an epiphyte give it a very porous potting compost. Our Jungle Mix with the addition of 1 part sand and ½ part loam is splendid. Keep well watered allowing the compost to dry out occasionally to keep it sweet.50c

Lobivia westii. This new species grows to large size, to 10" tall, the very long tubular red flowers with narrow perianth. I found it in the mountains above Ayacucho at 8,000 ft. growing in company with an Oroya. This is by far the lowest elevation ever recorded for Oroya and low also for Peruvian Lobivias. Near by grew Begonia vellichiana with 4" tubers the parent of modern tuberous begonias75c

Lobivia longiflora. This new Bolivian species has the longest tubed flowers I have ever seen in the genus. The tube and narrowly expanded perianth are vivid scarlet red. The plant grows 3" - 4" tall with long black curving spines when mature. It offsets freely each bearing roots. A fine plant for the beginner as it grows so easily. Large \$1. Nice.35c

Rhipsalis quellebambensis. Stout stems than R. cassutha flowers very small, fruits bright red even the tiny ovaries being red. Quite ornamental as the fruits last a long time50c

Rhipsalis dixous. A new species from northern Peru. Epiphytic but growing in an extremely dry, summer deciduous forest. Stems flat, dichotomously branched.50c



A Colorful CHIN CACTUS

Hybrid Gymnocalycium venturianum range in color from pale pink to bright crimson and salmon. Charming. Free blooming, easy culture, sunny situation. Flowering 75c and.50c



PARAMOUNT HYBRIDS

These colorful cacti are the result of years of hybridizing and selection. They are crosses between various Echinopsis and Lobivias and their progeny crossed and re-crossed. Many new colors have appeared. Particularly beautiful are the salmon pinks and the rich strawberry pinks that have shown up this year. Since they can only be propagated by offsets which are very slow in appearing stocks will long be scarce.

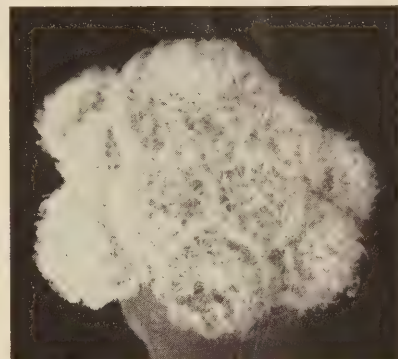
Orange Paramount. Handsome orange blossoms\$1.25

Red Paramount. Orange red\$1.25

Fluffy Ruffles. Large ruffled flowers 7" long. Taupe pink flushed orange. Free blooming. Fine color\$1.50

Paramount No. 55. Deep salmon red with orange stamens\$1.25

Paramount No. 25. Salmon colored with long tube. Very pretty\$1.25



FEATHER CACTUS

Mamillaria plumosa is certainly one of the prettiest and most unique of cacti. The spines have been transmuted into curling feathers. Snowy white and soft as down they completely cover the plant. Quite sandy soil, bright airy situation protected from noonday sun. Clusters \$2.50. Plants \$1. Smaller50c

STAR CACTUS

Astrophytum ornatum is a bright pretty plant always a favorite. Every collection should have it. Easily grown in sandy soil. Sunny location moderate watering. Nice plants 50c and.35c





MEXICAN LIVING ROCK

Ariocarpus fissuratus is an odd flat-topped cactus with leathery furrowed tubercles. The lovely pink blossoms appear in the woolly center in September. It grows well in clean sand to which a small amount of leafmold has been added. It likes a sunny, airy window, watering lightly only when dry. Grows exceedingly slow. Our specimens are over 25 years old. Mature flowering.....

50c

Shady Window Suggestions

Besides the Orchid Cacti, Xmas Cacti, *Rhipsalis* and other epiphytic cacti quite a number of other kinds can be grown successfully in partially shady windows. Those listed are only suggestions.

Red Crown. See page 20.

Pink Chin. Very free flowering. A fine small plant. 50c and.....

35c

Plaid Cactus. Yellow flowers. 50c and.....

35c

Golden Eall. Soft golden spines. Very fine, 50c, and.....

35c

Fygmy Easter Lily. Charming. 50c.....

35c

Weberocereus biolleyi. Climbing.....

35c

Golden Stars. Finger-like.....

35c

Pink Crown. Handsome.....

35c

Lobivia hertrichiana. Scarlet blossoms.....

35c

Peanut Cactus. Dwarf growing.....

35c

Peruvian Apple.....

35c

STROMBOCACTUS

Rare, small, slow growing Mexican cacti related to *Ariocarpus*. They are collectors items. Culture as in *Ariocarpus*.

S. disciformis. Mature.....\$1.50
S. pseudomacrothete.....\$1.00

ARIOCARPUS

Strange flat-topped spineless cacti with handsome flowers. Rare collector's items. Pot in clean sand with some leafmold watering only when dry. Airy, sunny situation.

Ariocarpus retusus. See our Diamond Jubilee Cactus Handbook for illustrations. Large 4-5" specimens \$2.50. Smaller.....\$2.00

A. McDowellii. Mature.....\$1.25

A. furfuraceus. Mature.....\$2.00

A. kotschoubeyanus. Mature \$1.25

A. lloydii.....\$1.50

A. scapharostrus.....\$2.00

A. trigonus.....\$2.00

ANCISTROCACTUS

The Wait-a-bit or *Ancistrocactus scheerii* has a hooked central spine. Each.....50c

ISLAYA

Rare Peruvian cacti. Plants cylindrical the crown densely woolly. Yellow flowers, pink fruits. *I. islayensis*.....\$1



SCARLET CROWN CACTUS

Rebutia grandiflora is the largest flowered of the Crown Cacti and one of the choicest window garden plants. It blooms very freely in the spring over quite a long time. New buds appear as old blossoms fade. It likes a light position but protected from the hot mid-day sun. Water well but allow them to dry out between waterings. Spongy sandy composts which suit them dry out quite rapidly and sometimes have to be soaked in a pan of water to make sure they are really moist. If possible, when ordered early, we send *Rebutias* in bud. Large \$1. Smaller.....

50c

CROWN CACTI

The *Rebutias* are very satisfactory window garden plants for they flower very freely and take to indoor culture. Native to Argentina and Bolivia. They like a spongy rich soil; loam, peatmoss, sand and leafmold. Keep moist but allow to dry out occasionally. Bright, airy but not too sunny location.

Rebutia minuscula. Red Crown. See page 20 for color plate. 50c and.....

35c

Rebutia elegans. Scarlet red flowers. Nice.....

50c

Rebutia violaceiflora. Pink Crown. Brilliant cerise pink blossoms. Flowers freely and easily. A gem! 50c and.....

35c

Rebutia pseudodominata. Wallflower Crown. See color plate page 20.

Rebutia senilis. Glossy white spines and brightest scarlet blossoms. I have had plants with over 100 open flowers! 50c and.....

35c

Rebutia kupperiana. Deep red flowers. Young spines half yellow half black.....

50c

Rebutia steinmannii. Deepest red flowers. Flowering.....

50c

Rebutia krainziana. Distinct species. Bright red flowers. Each.....

50c

Rebutia pseudominuscula. Very rare.....

75c

Rebutia spagazziniana. Deep red.....

50c



ROSE PINCUSHION

The bright and charming *Mamillaria zeilmanniana* is one of my favorites. It is a very heavy bloomer and remains in flower for many weeks. Even the tiny ones flower! Sun or partial shade. 75c, 50c and.....

35c



HARDY HEDGE HOG CEREUS

These plants bear gaudy, bright rose-pink blossoms 2" to 2½" across. They flower freely several times during the summer. Plants conical, 2 inches to 4 inches tall. Grow easily in sandy soil. Moderate water. Large flowering, each.....

35c



WHITE CHIN CACTUS

A rare and fine plant, dark green in color and bearing heavy spines. Charming pink and white blossoms in early summer. *Gymnocalycium Shikendanzhi* grows readily in sandy soil with moderate watering. Large 2 inch to 3 inch 75c to \$1. Smaller.....

35c



LEMON BALL

The very freest blooming and easiest to grow, *Notocactus submammulosus* should be in every collection. Light soil with moderate waterings increased when growing. Flowers for weeks. Mature 2"-2½" \$1.25. Smaller 50c and.....

35c



GLORY OF TEXAS

Gorgeous crepe-like, brilliant pink blossoms over 2½" across. Blooms from spring to fall. Flowers for everybody. Light soil with moderate watering. The cactus bicolor. Flowering sizes 3" 50c. 2" to 2½".....

35c

QUARTET COLLECTION C8. Four Fine Flowering Cacti. Postpaid.....\$1.20



PINK EASTER LILY CACTUS

A free flowering, quick growing cactus winter hardy when well protected by snow. *Echinopsis multiplex* bears 6" lovely pink easter lily-like fragrant trumpets. Will flower several times during summer. Sun or part shade with generous culture. Flowering specimens 75c. Smaller 50c and..... **35c**

EASTER LILY CACTI

Echinopsis bear large trumpet shaped blossoms in spring and early summer. As they are of the easiest culture and very free flowering they are always favorites. They also flower when small and though old plants may become a foot tall mature flowering plants are 2" to 4" generally. Give generous treatment.

Pygmy Easter Lily. *E. leucorhodantha*. A dwarf mountain species with charming pale pink and white blossoms. 50c and..... **35c**

Lilac Easter Lily. *E. rhodotricha*. Heavy spines, large trumpets. Red fruits **35c**

Giant Easter Lily. *E. huottii*. Huge snowy white blossoms. Plant tall. 50c and..... **35c**

***Echinopsis graulichii*.** Rare white flowered. 1 1/2" - 2" **50c**

***Echinopsis obrepanda*.** Handsome snowy, wide open blossoms. \$1 to..... **35c**

***Echinopsis ritteri*.** Huge trumpets. Plants grow very large. Splendid. \$2.50 and..... **50c**

***Echinopsis Johnson's Hybrid*.** Glorious frilled dark pink flowers. Very free flowering..... **50c**

***Echinopsis Los Angeles*.** Handsome deep pink frilled flowers. Very short spined **50c**

***Echinopsis longispinus*.** Rare, large growing, long spined. Each **50c**



TOM THUMB

Parodia aureispina should be a "must" for even the smallest collection. A jewel with lovely golden spines and flowers. Even tiny plants flower. Full sun or part shade. Grows easily and quickly. Very choice. Specimens \$1. Flowering 50c and..... **35c**



BEAVER TAIL . . . 35c

Opuntia basilaris is one of the most beautiful of native California cacti. In spring the exquisite fragile blossoms wreath each plant in pink satin. A variable plant, each locality has its own version; round thumb-like pads, heart shaped to tall coffin-shaped. Nice plants **35c**

***Opuntia basilaris alba*.** A mountain form with pale green pads and white flowers **35c**

***Opuntia vestita*.** Old Man *Opuntia*. Cylindric stems to a foot tall with many true leaves in spring, later the stems grow a covering of long white hair **35c**

***Tacinga funalis*.** A curious Brazilian *Opuntiad* with pencil-like stems to 3' long. Very rare. Each **50c**

***Quiabentia chacoensis*.** Small round stemmed trees near *Opuntia*. Bear flat leaves. Very spiny. Rare. **75c**



NOTOCACTUS PAMPEANUS

A very fine spiny plant bearing bright blossoms in late spring. Easily grown in a sunny location. Stands lots of cold. Give generous treatment. Large 75c. Flowering 50c and..... **35c**



ROSE PLAID CACTUS

Gymnocalycium friederickii is the one all visitors to our nursery choose. The plant is lovely, the large blossoms lovelier, and they bloom from early spring to fall. Specimens 50c. Flowering..... **35c**



RAINBOW CACTUS

Echinocereus melanocentrus is sure to flower and generally has buds when shipped in spring and summer which continue to grow and open. It flowers when only an inch tall but may grow to 3", the blossoms always larger than the plants. Of the very easiest culture liking a sunny window. Each..... **35c**

SILVER TORCH

Cleistocactus strausii with silvery white soft bristle-like spines forms tall columnar groups. Very ornamental when the stems are studded with the red blossoms. Fine plants 4" - 6" **35c**

FRILLED LACE CACTUS

Echinocereus fitchii is similar to the Rainbow Cactus but has light pink flowers with frilled petals and the plant spines are white to reddish. Free flowering. **35c**

SCARLET BUGLER

Cleistocactus baumannii is a slender stemmed plant gemmed with brilliant scarlet tubular flowers throughout the summer. In full sun it flowers freely but will grow well even in shade. Very pretty. 50c and..... **35c**



A TEXAS WINDOW GARDEN

"Living in an apartment, I was forced to limit my flowers to this small space indoors. I have 46 kinds on these removable shelves."—Mrs. Lewis J. Nelms.

CORAL CACTUS

The Coral Cactus (*Mamillaria heyderi*) is one of the prettiest of all with its circle of coral red berries and charming cream flowers. The berries burst forth ripe and scarlet taking only a day or so to appear. Mature fruiting 2" - 3" specimens each..... **50c**





OLD MAN CACTUS

Cephalocereus senilis is the famed white haired cactus from Mexico. The very whitest of hair clothing the fat columns. Every collection should have it. Nice white plants 75c, 50c and..... **35c**



PRINCESS OF THE NIGHT

The best and easiest to flower of the night blooming cerei. Inner petals snowy white circled by yellow petals the outermost taupe in color. May be trained on a low trellis or stake. Generous treatment. Each..... **40c**



THIMBLE TUNA

Tephrocactus microsphaericus has ruby red flowers. Easily grown **35c**



A MINNESOTA COLLECTION

These thrifty plants were grown by Harold Rusehkey and show how well cacti and succulents do in all parts of our country.

LEMAIREOCEREUS

L. hollianus. 35c. L. pruinosis 35c. L. chichi. 35c. L. stellatus. 35c. L. thurberi. 35c. L. weberi. 35c. L. dumortierii. 35c. L. beneckii. \$1. L. candelabrum. 35c.



WHITE TORCH CACTUS

Beautiful, popular and exceedingly easy to grow. Trichocereus spachianus is a quick grower and a fine plant for the window garden. The snowy blossoms are 6" across. Plants branch freely from the base forming nice colonies. Will stand 15° above zero. 5"-7" 40c. Nice..... **25c**



PERUVIAN TORCH CACTUS

Trichocereus peruvianus has columnar blue stems and large white flowers. I took this photograph in February in Peru. A handsome variable species. **35c**

SAND DOLLAR

Astrophytum asterias is spineless and one of the oddest of cacti. Freely bears large yellow blossoms with a red throat. Large specimens, 90c. Flowering 2" **65c**



FLOWERING TREE CEREUS

The tree-like Cereus gonianthus bears many large white 5" blossoms with red sepals. The large red apple-like fruits are smooth and very good to eat the crisp snowy pulp sweet and pleasant. Quick growing, vigorous and of easy culture. Good loam soil. In winter they may be stored in basement or attic. 7"-8" 50c. Smaller..... **35c**

Cereus variabilis. Low growing Brazilian species with white woolly areoles. **50c**



EAGLE CLAWS

An old favorite bearing handsome frilled pink flowers in summer. Echinocactus horizontalis has a woolly crown, few rounded ribs and recurved heavy pink or red spines with pale silvery gray or blue body. Full sun, very sandy soil. Nice flowering 2" **50c**



PELECYPHORA ASELLIFORMIS

Extremely rare in cultivation. The plants are related to Mamillaria, 1"-1½" in diameter bearing large bright purple-pink apical blossoms. These Mexican plants are real oddities. A sunny window and very sandy soil or just sand and leafmold. Mature flowering plants..... **\$1.25**

Pelecypora valdeziana. A rare species white spined and smaller than the above. Mature imports..... **\$1.50**

SOLISIA PECTINATA

Solisia is a small very short white spined plant near Pelecypora. Give the same treatment. Flowers yellow. Does nicely when grafted. Mature imports. **\$1.50**

GYMNOCACTUS

A new genus of small odd and interesting Cacti.

G. gielsdorfianus has broad angular nipples and black tipped spines. Mature flowering **75c**

G. subterraneus. Very tiny with large tuberous root **\$2**



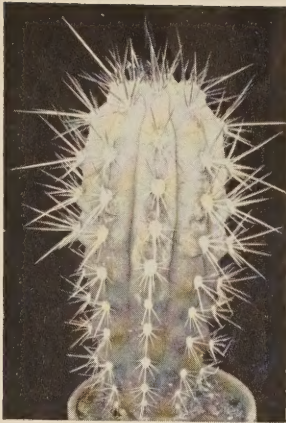
GOLDEN STARS

The lovely popular Mamillaria elongata should be in every collection. Spines golden yellow. Easily grown branching freely often having 100 arms. Flowers yellow. Very easily grown sun or shade. Large branched 75c and 50c. Branched..... **35c**



WOOLY TORCH

Cephalocereus palmeri is a handsome Old Man producing long white silky wool at flowering time. 5"-7". 50c. Smaller..... **35c**



BLUE CEREUS

Azoreocereus ayacuchensis is a new species growing to 12'..... **35c**



AGAVE CACTUS

Leuchtenbergia principis looks more like an agave than a cactus with its long, angled tubercles tipped with papery ribands. Large fragrant yellow flowers. Easy to grow. Porous soil using Cactus Food in summer. 50c and..... **35c**



PERUVIAN OLD MAN

Espositoa lanata is a dainty elegant plant with silken white hair. Simple of culture and quick in growth. It is native to northern Peru where it grows into low branched trees. We have some nice 6 year old plants 5" to 6" tall at \$1 each. Smaller 50c and..... **35c**

TREE CEREUS

The *Cereus* have stout trunks which branch into tall trees. Splendid flowering subjects bearing large red or yellow smooth fruits. Easily grown and very popular...

Cereus dayanii. A tall stout species bearing large yellow fruits. 6"—7". 50c. Smaller **35c**

Cereus hildmannianus. Tall slender species. Red fruits. 6"—7" 50c. Smaller..... **35c**

Cereus horridus. Stout heavy spined species. 50c..... **35c**

Cereus ilanosii. Much branched to 8'. 50c and..... **35c**

Cereus milessimus. Very spiny. Much branched. Fruits red. 50c..... **35c**

Cereus peruvianus reclinatus. Handsome flowers. Very branched to 6', 50c and..... **35c**



ANGEL WINGS

A dainty little plant that has no stickers. The miniature pads of *Opuntia microdasys alba* are dotted with areoles bearing fine white harmless glochids. Branches freely and remains dwarf the pure white cushions showing brightly against the green stems. Nice branched plants..... **30c**

BUNNY EARS

Bright golden yellow glochids the plant looking like Angel Wings. Very pretty dwarf pads. Each..... **35c**

WINTER HARDY CACTI

Several cacti are hardy where protected from alternate freezing and thawing as by a snow mantle or straw covering. Best planted on sandy mounds where drainage is good. They are found in our northern states, central and western Canada, New York to the southern states and west to the Rockies.

I have about 6 varieties of hardy *Opuntia* suitable for outdoor gardens, including *O. opuntia*, *O. polyacantha* varieties. Each..... **50c**



A MASSACHUSETTS COLLECTION

Cacti take a minimum of care and their odd and often bizarre forms are a focal point of interest for your friends. Visitors always exclaim over their exotic appearance.



SNOWDROP CACTUS

Rhipsalis houlettianus gracefully arching each leaf set with pretty white bells. Shady location. Same treatment as African Violet..... **50c**



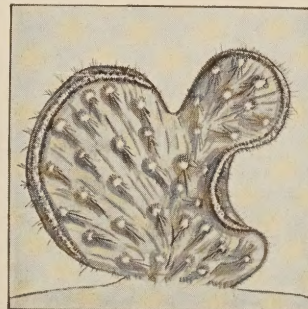
LOBIVIA LARABEI

A small free flowering species with bright scarlet flowers with a white throat. It offsets freely and each may be easily detached and will shortly make a plant. Of easy culture. 35c I first found it in Peru..... **35c**



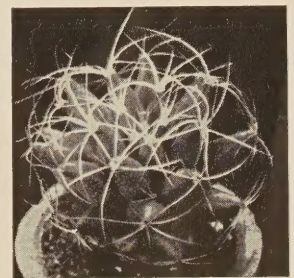
LEMON VINE

Though a true cactus few would suspect it. *Pereskia pereskia* has large leaves and waxy lemon scented creamy blossoms. It grows as a clambering vine. In shipping it may drop its leaves which reappear. 35c Potted..... **35c**



CRESTED OPUNTIA

Crested forms of cacti are among the most interesting and unique of all with their odd convoluted stems. *Opuntia serotina cristata* never loses its cockscomb growth. Nice crests 75c, 50c and..... **35c**



BIRDS NEST

Feathery yellow spines that are papery, soft and harmless. *Mamillaria camptotricha* is much given to clustering soon forming attractive specimens. Easily grown in any light window in sun or shade. Moderate watering. 50c. Nice colorful plants..... **35c**



VIOLET SEA URCHIN

A lovely flowered small cactus blooming profusely in early summer. The blossoms of *Acanthocalycium violaceum* are particularly bright and shining. Flowers when small. Seldom reaches more than 3" in diameter. Grows easily in sun or part shade. Flowering 3 year old 50c. Smaller..... **35c**



RED CROWN

Rebutia minuscula is a free flowering, small cluster forming plant. Unbelievably floriferous. I have had grafted clusters that produced over 500 flowers in a season. They grow easily and flower even when quite small. Any well lighted window suits them shading from summer's mid-day sun. They like a rich but well drained soil with moderate to generous waterings. If ordered before the flowering season in April the Red Crown will be in bud. **35c**

PINK CROWN. *Rebutia violaciflora.* Brilliant pink blossoms. Very floriferous. Lovely 50c and 35c



STRAWBERRY CACTUS

A patch of these is seldom without flowers in summer. *Hamatocactus setispinus* grows so easily it is a great favorite with all. Sun or part shade. Large 3" 50c. Smaller flowering..... **35c**



JOSEPH'S COAT

Opuntia vulgaris is handsomely variegated with white, yellow, green and pink. Easily grown sun or part shade. Nice..... **35c**



WALLFLOWER CROWN

A charming plant *Rebutia pseudodeminuta* has crimson blossoms in the spring. All the *Rebutias* produce them in a circle about the base. They are easy to grow. Nice 50c and..... **35c**



GIANT MEXICAN CEREUS

Pachycereus pringlei is native to Baja California where it has attained 63' in height. A noble plant even more stately than the Sahuaro and so far as I know the tallest of all cacti. Slow growing they are fine window garden subjects. 75c and..... **25c**



BISHOP'S CAP

A popular spineless cactus for every collection and very easy to grow. *Astrophytum myriostigma* flowers freely all summer long. Sunny location, moderate watering. 2 1/2" - 3", \$1.25. 1 1/2" 50c. Smaller..... **35c**
4-sided Bishop's Cap. Rare Each.....40c
Astrophytum myrio. nudum. Rare green variety.....50c
Astrophytum myrio. tamaulipensis. Rare variety 50c

MEXICAN JEWEL COLLECTION C9.

These four pretty and easily grown Pincushions may be planted in individual 2 or 3 inch pots or may all be planted together in a small ornamental dish 4 to 5 inches in diameter for a Dish Garden. They all do well in any well lighted window with moderate watering. The set in nice plants..... **\$1.00**

POWDER PUFF (*Mamillaria bocasana*)

Like a bursting cotton ball, this little plant is clothed with silky, snow-white hair instead of spines, though it bears one tiny hooked one on each slender nipple. Cream colored flowers followed shortly by very attractive bright red, long, curved seed pods. A jewel among cacti. Very easy to grow in a well lighted window. Sun or partial shade moderate watering. Flowering clusters \$1. Smaller clusters 75c. Nice flowering 50c and..... **35c**

LADY FINGERS

Mamillaria elongata Schmollii

A dainty gem and so easy to grow. Each little plant is a bright mosaic of golden yellow harmless spines. Quickly forms fine clusters. Large clusters 50c. Smaller..... **35c**

THIMBLE CACTUS

Mamillaria fragilis

Like the "old woman who lived in a shoe," this little cactus has more children than she knows what to do with. Pure white, harmless spines and every little baby will quickly grow. Each..... **25c**

RUBY DUMPLING

Mamillaria tetracantha

A quick growing cactus with bright red flowers and, with maturity, a hoary white head. A long time favorite. Large specimens \$1. Smaller flowering 50c. 1"..... **25c**

